

NVB 3001 (Effective 1/21)

UNITED STATES BANKRUPTCY COURT FOR THE DISTRICT OF NEVADA		PROOF OF INTEREST
Name of Debtor META MATERIALS, INC	Case Number 24-50792	RECEIVED AND FILED DEC 11 2024 U S BANKRUPTCY COURT MARY A. SCHOTT, CLERK
1 Name and address of holder of the Equity Interest (the person or entity holding an Equity Interest in the Debtor Referred to hereinafter as the Interest holder') May Xiong 1169 Blackwood Ave Clovis, CA 93619 Telephone Number (559) 375-2802	<input type="checkbox"/> Check box if you are aware that anyone else has filed a proof of interest relating to your interest Attach copy of statement giving particulars <input checked="" type="checkbox"/> Check box if you have never received any notices from the bankruptcy court or the Debtors in this case <input type="checkbox"/> Check box if this address differs from the address on the envelope sent to you by the Debtors	
NOTE This form SHOULD NOT be used to make a claim against the Debtor for money owed A separate Proof of Claim form should be used for that purpose. This form should only be used to assert an Equity Interest in the Debtor An Equity Interest is any right arising from any capital stock and any equity security in any of the Debtor An equity security is defined in the Bankruptcy Code as (a) a share in a corporation whether or not transferable or denominated stock or similar security, (b) interest of a limited partner in a limited partnership, or (c) warrant or right other than a right to convert, to purchase, sell, or subscribe to a share, security, or interest of a kind specified in subsection (a) or (b) herein		
Account or other number by which Interest holder identifies Debtor 29230342	Check here if this claim <input type="checkbox"/> replaces a previously filed Proof of Interest dated _____ <input type="checkbox"/> amends a previously filed Proof of Interest dated _____	
2 Name and Address of any person or entity that is the record holder for the Equity Interest asserted in this Proof of Interest Vanguard PO BOX 3009 MONROE WI 53566 8309 Telephone Number 800-662-2739	3 Date Equity Interest was acquired 02/24/2023	
4 Total amount of member interest <u>269 SHARES FOR \$17 444 05</u>	5 Certificate number(s) <u>SEE ATTACHED DOCUMENTATION</u>	
6 Type of Equity Interest Please indicate the type of Equity Interest you hold <input checked="" type="checkbox"/> Check this box if your Equity Interest is based on an actual member interest held in the Debtor <input type="checkbox"/> Check this box if your Equity Interest is based on anything else and describe that interest Description <u>INVESTOR</u>		
7 Supporting Documents Attach copies of supporting documents such as stock certificates option agreements warrants etc DO NOT SEND ORIGINAL DOCUMENTS If the documents are not available explain If the documents are voluminous, attach a summary		
8 Date-Stamped Copy To receive an acknowledgement of the filing of your Proof of Interest, enclose a stamped self-addressed envelope and copy of this Proof of Interest		
9 Signature Check the appropriate box. <input checked="" type="checkbox"/> I am the creditor <input type="checkbox"/> I am the creditor's authorized agent (Attach copy of power of attorney if any) <input type="checkbox"/> I am the trustee or the debtor or their authorized agent (See Bankruptcy Rule 3004) <input type="checkbox"/> I am a guarantor surety endorser or other codebtor (See Bankruptcy Rule 3005) I declare under penalty of perjury that the information provided in this claim is true and correct to the best of my knowledge information and reasonable belief Print Name <u>MAY XIONG</u> Title _____ Company _____ Address and telephone number (if different from notice address above) _____ <u>1169 BLACKWOOD AVE</u> <u>CLOVIS CA 93619</u> <div style="display: flex; justify-content: space-between;"> <div>  (Signature) Telephone number <u>559-412-8246</u> </div> <div> <u>12/6/24</u> (Date) email <u>MXIONG003@YAHOO.COM</u> </div> </div>		

Penalty for presenting fraudulent claim is a fine of up to \$500,000 or imprisonment for up to 5 years, or both 18 U.S.C. §§ 152 AND 3571

PROOF OF INTEREST SUPPLEMENTAL INFORMATION:**CASE: 24-50792, META MATERIALS, INC.****FOR: MAY XIONG****BROKER: VANGUARD****ACCT# 29230342****TRANSACTIONS [Pre-Reverse Split]****TOTAL SHARES HELD PRE-SPLIT: 26,885****Balances and holdings for Vanguard Brokerage Account – 29230342** (continued)**Stocks**

Symbol	Name	Total amount	Quantity	Price on 12/31/2023	Balance on 12/31/2023	Balance on 1/31/2024
MMAT	META MATERIALS INC	\$17,444.05	26,885.0000	\$0.646	-	\$1,774.41
Total Est. annual income: \$0.00; Est. yield: 0.00%					\$0.00	\$1,774.41

TRANSACTIONS [Post-Reverse Split] Meta Materials (MMAT) completed a 1-for-100 reverse stock split on January 29, 2024.

TOTAL SHARES HELD POST-REVERSE SPLIT: 269**Completed transactions**

Settlement date	Trade date	Symbol	Name	Transaction code	Account type	Quantity	Price	Commission & fees	Amount
08/21	08/20	MMAT	META MATERIALS INC NEW	Sell	Cash	269.0000	\$0.5251	\$0.00	\$141.26

**** See Transaction documentation attached**

Settlement date ☺	Trade date ☺	Symbol ☺	Name ☺	Transaction type ☺	Quantity ☺	Price ☺	Commissions & fees ☺	Amount ☺
<u>08/21/2024</u>	08/20/2024	MMATQ	META MATERIALS INC NEW	Sell	269 0000	\$0 53	Free	\$141.26
<u>02/08/2024</u>	01/29/2024	MMATQ	META MATERIALS INC NEW	Stock split	26 885 0000	—	—	\$0 00
<u>02/08/2024</u>	01/29/2024	MMATQ	META MATERIALS INC NEW	Stock split	268 0000	—	—	\$0 00
<u>02/08/2024</u>	02/08/2024	MMATQ	META MATERIALS INC NEW	Stock split	26,885 0000	—	—	\$0 00
<u>02/08/2024</u>	02/08/2024	MMATQ	META MATERIALS INC NEW	Stock split	269 0000	—	—	\$0 00
<u>01/29/2024</u>	01/29/2024	MMATQ	META MATERIALS INC NEW	Stock split	26,885.0000	—	—	\$0 00
<u>01/29/2024</u>	01/29/2024	MMATQ	META MATERIALS INC NEW	Stock split	268 0000	—	—	\$0 00
<u>04/19/2023</u>	04/17/2023	MMATQ	META MATERIALS INC NEW	Buy	625 0000	\$0 23	Free	\$140.63
<u>04/18/2023</u>	04/14/2023	MMATQ	META MATERIALS INC NEW	Buy	1,635 0000	\$0.22	Free	\$366.24
<u>02/28/2023</u>	02/24/2023	MMATQ	META MATERIALS INC NEW	Buy	2,766 0000	\$0 67	Free	\$1 853 22
<u>02/21/2023</u>	02/23/2023	MMATQ	META MATERIALS INC NEW	Buy	7,575 0000	\$0 66	Free	\$4 999 50
<u>02/21/2023</u>	02/17/2023	MMATQ	META MATERIALS INC NEW	Sell	1.0000	\$0 70	Free	\$0 70
<u>02/22/2023</u>	02/17/2023	MMATQ	META MATERIALS INC NEW	Buy	7 142.0000	\$0 71	Free	\$5 099 39
<u>02/22/2023</u>	02/17/2023	MMATQ	META MATERIALS INC NEW	Buy	7 142 0000	\$0 70	Free	\$4 985 07
<u>02/16/2023</u>	02/16/2023	MMATQ	META MATERIALS INC NEW	Conversion (incoming)	1 0000	—	—	\$0 73

December 31, 2023, year-to-date statement

View your statements online at vanguard.com

Client Services 800-662-2739

20240103 164929 RSB/JM/5J6 404M 000000579692080 L



Do Not Use For Account Transactions
PO BOX 3009
MONROE, WI 53566-8309

MAY XIONG
ROTH IRA VFIC AS CUSTODIAN
1169 BLACKWOOD AVE
CLOVIS CA 93619

Assets listed in this statement are held by Vanguard Brokerage Services® (VBS) a division of Vanguard Marketing Corporation (VMC) member FINRA and SIPC. Summary data are provided solely as a service and are for informational purposes only.



Client Services 800-662-2739

Statement overview

\$1,774.67

Total value of all accounts as of December 31 2023

Accounts	Value on 12/31/2022	Value on 12/31/2023
May Xiong ROTH IRA VFTC AS CUSTODIAN		
Roth IRA brokerage account	\$0 00	\$1,774 67

Asset mix



	Value on 12/31/2023
100 0% Stocks	\$1 774 41
0 0% Fixed Income	0 00
0 0% Short term reserves	0 26
0 0% Other	0 00
	\$1,774 67

Your asset mix percentages are based on your holdings as of the prior month-end



Roth IRA brokerage account—29230342

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May Xiong ROTH IRA VFTC AS CUSTODIAN

Account overview

\$1,774.67

Total account value as of December 31 2023

Year-to-date income

Taxable income	\$0 00
Nontaxable income	6 66
Total	\$6 66

Retirement summary

Your retirement information is reported for the 2023 tax period

2023 contributions	\$1 000 00
2023 distributions	0 00
2023 rollovers	16 305 67

The fair market value (FMV) of your IRA, determined as of December 31 is being provided to the Internal Revenue Service

Balances and holdings for Vanguard Brokerage Account—29230342

Your securities are held in your cash account unless otherwise noted This section only shows securities that were held in the account at the end of the time period indicated

Sweep program

Name	Quantity	Price on 12/31/2023	Balance on 12/31/2022	Balance on 12/31/2023
VANGUARD FEDERAL MONEY MARKET FUND 7 day SEC Yield 5.31%	0.2600	\$1.00	-	\$0.26
Total Sweep Balance			\$0.00	\$0.26



Roth IRA brokerage account—29230342

Client Services 800-662-2739

May Xiong ROTH IRA VFTC AS CUSTODIAN

Balances and holdings for Vanguard Brokerage Account—29230342 continued**Stocks**

Symbol	Name	Total cost	Quantity	Price on 12/31/2023	Balance on 12/31/2022	Balance on 12/31/2023
MMAT	META MATERIALS INC	\$17 444 05	26 885 0000	\$0 0660	-	\$1 774 41
Total Est annual income \$0 00, Est yield 0 00%					\$0 00	\$1,774 41

Account activity for Vanguard Brokerage Account—29230342

This section shows transactions that have settled by December 29 2023

Income summary

	Dividends	Interest	Tax exempt interest	Short term capital gains	Long term capital gains	Other income
December	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
Year to date	6 66	0 00	0 00	0 00	0 00	0 00

Completed transactions

If you had an adjustment to a dividend or interest payment from a previous month the monthly amount shown under the Income Summary section of your brokerage statement may be overstated



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Disclosures

Cost basis information

Vanguard is required to report cost basis information to the IRS for sales of covered securities in taxable (nonretirement) accounts. Covered securities are generally stock or mutual funds acquired on or after January 1, 2011 and 2012, respectively. Unless you select another method, we'll use the first in, first out (FIFO) accounting method for sales of stocks and exchange traded funds (ETFs) and the average cost method for sales of mutual funds. For more cost basis information go to investor.vanguard.com/taxes/cost-basis.

Gain or loss. The gain or loss realized by the sale or redemption, calculated by subtracting the cost from the proceeds. Gains and losses are generally short term if the security was held a year or less and long term if held more than a year.

For our brokerage clients

Your brokerage cash and/or securities are held in custody by Vanguard Brokerage Services, a division of Vanguard Marketing Corporation, member FINRA and SIPC. Vanguard funds not held through your Vanguard Brokerage Services (VBS) account are held by The Vanguard Group, Inc. and are not protected by SIPC.

General information and key terms

Advice. Vanguard Brokerage Services doesn't provide tax, investment, or legal advisory services, and no one associated with Vanguard Brokerage Services is authorized to render such advice.

Direct Participation Program (DPP) and Real Estate Investment Trust (REIT). DPP and REIT securities are generally illiquid. The value of the security will be different than its purchase price. Any estimated value on your statement may not be realized when you seek to liquidate the security.

Financial statement. A Vanguard Brokerage financial statement is available for your inspection at any time upon request to Vanguard Brokerage Services.

Free credit balance. Any free credit balance carried for your account represents funds payable on demand, which, although properly accounted for on Vanguard Brokerage's books of record, aren't segregated and may be used in the conduct of its business to the extent permitted by law. Your settlement fund may be liquidated upon your request and the proceeds remitted to you.

Dividend reinvestment. When reinvesting dividends of eligible stocks, ETFs, and closed-end funds, Vanguard Brokerage Services combines cash distributions from the accounts of all clients who have December 31, 2023 year-to-date statement

requested reinvestment in the same security, and then uses that combined total to purchase additional shares of the security in the open market. The new shares are divided proportionately among the clients' accounts in whole and fractional shares rounded to four decimal places. If the total purchase can't be completed in one trade, clients will receive shares purchased at the weighted average price paid by Vanguard Brokerage Services. Participants in our free dividend reinvestment program should refer to the "Completed transactions" area of the "Account activity for Vanguard Brokerage Account" section of their Vanguard statements for details of transaction history and dates.

For dividend reinvestment of mutual funds held in your brokerage account, the instructions are provided to the fund and the settlement date and trade date on your statement will generally represent the day the transaction is entered in your account record. Call Vanguard Brokerage Services with any questions.

Reporting brokerage account discrepancies. Promptly report in writing any inaccuracies or discrepancies in your Vanguard Brokerage account (including unauthorized trading) to Vanguard Brokerage Services. Any oral communication must be confirmed in writing to further protect your rights, including your rights under the Securities Investor Protection Act.

Margin accounts. If you maintain a margin account, this is a combined statement of your general account and a special memorandum account maintained for you under Regulation T issued by the Board of Governors of the Federal Reserve System. The permanent record of the separate account as required by Regulation T is available for your inspection upon request to Vanguard Brokerage Services. All securities must be held in your margin account. Note that purchases of open-end mutual funds and Vanguard ETFs® will settle in your cash account and after 30 days be moved into your margin account.

Money market fund transactions. Vanguard Brokerage Services may elect to send a monthly statement in lieu of an immediate confirmation for transactions executed pursuant to a periodic plan or an investment company plan, or executed in shares of any open-end registered money market mutual fund.

Orphaned fractional share transactions. Vanguard Brokerage Services may elect to send a monthly statement in lieu of an immediate confirmation for transactions executed to liquidate orphaned fractional share positions. Orphaned fractional share positions are fractional share positions held without a corresponding whole share position. Liquidations of these positions are executed by Vanguard Brokerage Services on a principal basis at the previous day's closing price, and the proceeds are credited to your account. No transaction fee is charged.



Client Services 800-662-2739

Open orders A good till canceled (GTC) order will remain in effect for 60 calendar days after the business day on which the order was placed. If the 60th day falls during a weekend or on a holiday, the order will be canceled on the next business day before the markets open. GTC orders are automatically entered on a "do not reduce" (DNR) basis. The limit price won't be adjusted when a stock goes ex-dividend. Orders for securities undergoing corporate actions such as, but not limited to, stock splits, stock dividends, special cash dividends, and spin-offs may be canceled before the market opening on the ex-dividend date of the corporate action. You must maintain records of all open orders. Be sure to review your open GTC orders periodically.

Option accounts Information regarding commissions and charges related to the execution of an options transaction is provided in the transaction confirmation sent to you at the time of the transaction. These are also available upon request. You should advise us promptly of any changes in your investment objectives or financial situation.

Tax information After year-end, Vanguard Brokerage Services is required to provide tax information to the IRS and other governmental authorities. At that time, you'll receive necessary information on the annual tax information statement, use that statement to prepare your tax filings. Note that certain types of assets typically need corrected tax forms.

Trade execution Vanguard Brokerage Services may have acted as principal agent, or both, in the placement of trades for your account. Details are provided upon request to Vanguard Brokerage Services.

Average pricing If average price transaction is indicated on this statement, details regarding the actual execution prices are available upon request to Vanguard Brokerage Services.

When issued A short form of "when as and if issued." The term indicates a conditional transaction in a security authorized for issuance but not as yet actually issued. All "when issued" transactions are on an "if" basis, to be settled if and when the actual security is issued.

II Portfolio holdings

The net market value of the securities in your account, including short positions, is reflected in this statement on a trade date basis at the close of the statement period. The market prices have been obtained from quotation services that we believe to be reliable; however, we can't guarantee their accuracy. Securities for which a price isn't available are marked "—" and are omitted from the total. Prices listed reflect quotations on the statement date. Current prices are listed to help you track your account and aren't suitable for tax purposes. Account balances provided on the statement are displayed in short form using only two decimal places. Please log on to your account at Vanguard.com to review your account balances. Accrued interest represents interest earned but not yet received.

Fund data on Vanguard.com is generally updated mid-month. Depending on when you log on, there may be a difference between the asset mix shown on your statement and the data shown online.

December 31, 2023, year-to-date statement

There also may be a difference between your fund's actual asset allocation and its target allocation. For more information about your fund's target allocation, go to Vanguard.com.

Estimated values on statements Vanguard Brokerage Services relies on external vendors to provide estimated periodic valuation and market price information for securities listed in your account statement. From time to time, this information isn't available or isn't received in time for posting to your account statement. In this case, the valuation or market price on your statement is marked "—" and the security hasn't been valued for purposes of calculating account totals. For owners of auction rate securities, if an estimated valuation is provided on your account statement for auction rate securities, please note that due to market illiquidity, you may not be able to sell the security at or near the estimated valuation listed on your account statement.

The estimated annual income (EAI) and estimated yield (EY) figures are estimates and are for informational purposes only. EAI represents estimated income to be distributed by a specific position. EAI may be negative on short positions. EY represents the estimated yield of a specific position based on its EAI and current price. EY reflects only the income generated by an investment. It does not reflect changes in the investment's price, which may fluctuate. EAI and EY for certain types of securities includes return of principal or capital gains, in which case the EAI and EY is not limited to realizable income. Actual income and yield may be higher or lower than the estimated amounts. These figures should not be considered a forecast or guarantee of future results. They are computed using information from providers believed to be reliable; however, no assurance can be made as to the accuracy. Since interest and dividend rates are subject to change at any time and may be affected by current and future economic, political, and business conditions, they should not be relied on for making investment, trading, or tax decisions. The money market settlement fund 7-day SEC yield is calculated by annualizing its daily income distributions for the previous 7 days, which is not the same methodology for calculating EY for other positions held in your account(s). Calculation methodologies differ by security type. Certain security types estimate the annual yield based on historical actual income paid while others estimate future yield based on existing conditions. Please contact Vanguard Brokerage Services for current information regarding your investments and the current estimated valuations of your holdings.

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Asset mix for some funds recalculated by Vanguard If the Asset mix section of your Statement overview page has a footnote that reads Recalculated values are included the asset allocation breakdown of particular funds within your portfolio among stocks bonds and short term reserves has been calculated using long positions margin credit or debit balances short positions have been excluded Certain funds employ trading strategies such as risk hedging short selling and use of leverage and derivatives that could result in significant short positions that can't be displayed using a standard asset allocation pie chart Exclusion of these short positions may have a significant impact on the Asset mix pie chart For more information about the strategies or holdings of a particular fund see the fund's prospectus

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August 31, 2024, monthly transaction statement

View your statements online at vanguard.com

Client Services 800-662-2739

This statement shows only transactions that occurred on your brokerage account during the past month. A comprehensive statement, which includes detail pages for each fund, will continue to be mailed following the close of each quarter.

20240901 081531 RSB,MSLG 4040 000000579692080 L

Vanguard®

Do Not Use For Account Transactions
PO BOX 3009
MONROE, WI 53566-8309

MAY XIONG
ROTH IRA VFTC AS CUSTODIAN
1169 BLACKWOOD AVE
CLOVIS CA 93619

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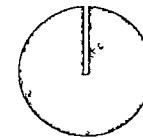
Statement overview

\$141 74

Total value of all accounts as of August 31 2024

Accounts	Value on 07/31/2024	Value on 08/31/2024
May Xiong ROTH IRA VFTC AS CUSTODIAN		
Roth IRA brokerage account	\$624 34	\$141 74

Asset mix



	Value on 08/31/2024
0 0% Stocks	\$0 00
0 0% Fixed Income	0 00
100 0% Short-term reserves	141 74
0 0% Other	0 00
	\$141 74

Your asset mix percentages are based on your holdings as of the prior month-end



Roth IRA brokerage account—XXXX0342

Client Services 800-662-2739

May Xiong ROTH IRA VFTC AS CUSTODIAN

Account overview

\$141.74

Total account value as of August 31 2024

Year-to-date income

Taxable income	\$0 00
Nontaxable income	0 22
Total	\$0 22

Retirement summary

2024 contributions	\$0 00
2023 contributions	1 000 00
2024 distributions	0 00

Balances and holdings for Vanguard Brokerage Account—XXXX0342

Your securities are held in your cash account unless otherwise noted. This section only shows securities that were held in the account at the end of the time period indicated.

Sweep program

Name	Quantity	Price on 08/31/2024	Balance on 07/31/2024	Balance on 08/31/2024
VANGUARD FEDERAL MONEY MARKET FUND 7 day SEC Yield 5.27%	141.7400	\$1.00	\$0.26	\$141.74
Total Sweep Balance			\$0.26	\$141.74



Roth IRA brokerage account—XXXX0342

Client Services 800-662-2739

May Xiong ROTH IRA VFTC AS CUSTODIAN

Account activity for Vanguard Brokerage Account—XXXX0342

This section shows transactions that have settled by August 30 2024

Income summary

	Dividends	Interest	Tax exempt interest	Short term capital gains	Long term capital gains	Other income
August	\$0 22	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
Year to date	0 22	0 00	0 00	0 00	0 00	0 00

Completed transactions

Settlement date	Trade date	Symbol	Name	Transaction type	Account type	Quantity	Price	Commissions & fees	Amount
08/21	08/20	MMAT	META MATERIALS INC NEW	Sell	Cash	-269 0000	\$0 5251	\$0 00	\$141 26
08/21	08/21	-	VANGUARD FEDERAL MONEY MARKET FUND	Sweep in		-	-	-	-141 26
08/30	08/30	-	VANGUARD FEDERAL MONEY MARKET FUND	Dividend		-	-		0 22
08/30	08/30	-	VANGUARD FEDERAL MONEY MARKET FUND	Reinvestment		-		-	-0 22

If you had an adjustment to a dividend or interest payment from a previous month the monthly amount shown under the Income Summary section of your brokerage statement may be overstated



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Disclosures

Cost basis information

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Summary cost basis information provided on this statement is for informational purposes only. You can review your cost basis information online before making investment decisions.

Gain or loss. The gain or loss realized by the sale or redemption, calculated by subtracting the cost from the proceeds. Gains and losses are generally short term if the security was held a year or less and long term if held more than a year.

For our brokerage clients

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I. General information and key terms

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Direct Participation Program (DPP) and Real Estate Investment Trust (REIT). DPP and REIT securities are generally illiquid. The value of the security will be different than its purchase price. Any estimated value on your statement may not be realized when you seek to liquidate the security.

Financial statement. A Vanguard Brokerage financial statement is available for your inspection at any time upon request to Vanguard Brokerage Services.

Free credit balance. Any free credit balance carried for your account represents funds payable on demand, which, although properly accounted for on Vanguard Brokerage's books of record, aren't segregated and may be used in the conduct of its business to the extent permitted by law. Your

settlement fund may be liquidated upon your request and the proceeds remitted to you.

Dividend reinvestment. When reinvesting dividends of eligible stocks, ETFs, and closed-end funds, Vanguard Brokerage Services combines cash distributions from the accounts of all clients who have requested reinvestment in the same security, and then uses that combined total to purchase additional shares of the security in the open market. The new shares are divided proportionately among the clients' accounts, in whole and fractional shares rounded to three decimal places. If the total purchase can't be completed in one trade, clients will receive shares purchased at the weighted average price paid by Vanguard Brokerage Services. Participants in our free dividend reinvestment program should refer to the "Completed transactions" area of the "Account activity" for Vanguard Brokerage Account section of their Vanguard statements for details of transaction history and dates.

For dividend reinvestment of mutual funds held in your brokerage account, the instructions are provided to the fund and the settlement date and trade date on your statement will generally represent the day the transaction is entered in your account record. Call Vanguard Brokerage Services with any questions.

Reporting brokerage account discrepancies. Promptly report in writing any inaccuracies or discrepancies in your Vanguard Brokerage account (including unauthorized trading) to Vanguard Brokerage Services. Any oral communication must be confirmed in writing to further protect your rights, including your rights under the Securities Investor Protection Act.

Margin accounts. If you maintain a margin account, this is a combined statement of your general account and a special memorandum account maintained for you under Regulation T issued by the Board of Governors of the Federal Reserve System. The permanent record of the separate account as required by Regulation T is available for your inspection upon request to Vanguard Brokerage Services. All securities must be held in your margin account. Note that purchases of open-end mutual funds and Vanguard ETFs® will settle in your cash account and after 30 days be moved into your margin account.

Money market fund transactions. Vanguard Brokerage Services may elect to send a monthly statement in lieu of an immediate confirmation for transactions executed pursuant to a periodic plan or an investment company plan, or executed in shares of any open-end registered money market mutual fund.

Orphaned fractional share transactions. Vanguard Brokerage Services may elect to send a monthly statement in lieu of an immediate confirmation for transactions executed to liquidate orphaned fractional share positions. Orphaned fractional share positions are fractional share positions



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held without a corresponding whole share position. Liquidations of these positions are executed by Vanguard Brokerage Services on a principal basis at the previous day's closing price, and the proceeds are credited to your account. No transaction fee is charged.

Open orders A good till canceled (GTC) order will remain in effect for 60 calendar days after the business day on which the order was placed. If the 60th day falls during a weekend or on a holiday, the order will be canceled on the next business day before the markets open. GTC orders are automatically entered on a "do not reduce" (DNR) basis. The limit price won't be adjusted when a stock goes ex-dividend. Orders for securities undergoing corporate actions such as, but not limited to, stock splits, stock dividends, special cash dividends, and spin-offs may be canceled before the market opening on the ex-dividend date of the corporate action. You must maintain records of all open orders. Be sure to review your open GTC orders periodically.

Option accounts Information regarding commissions and charges related to the execution of an options transaction is provided in the transaction confirmation sent to you at the time of the transaction. These are also available upon request. You should advise us promptly of any changes in your investment objectives or financial situation.

Tax information After year-end, Vanguard Brokerage Services is required to provide tax information to the IRS and other governmental authorities. At that time, you'll receive necessary information on the annual tax information statement; use that statement to prepare your tax filings. Note that certain types of assets typically need corrected tax forms.

Trade execution Vanguard Brokerage Services may have acted as principal agent or both in the placement of trades for your account. Details are provided upon request to Vanguard Brokerage Services.

Average pricing If average price transaction is indicated on this statement, details regarding the actual execution prices are available upon request to Vanguard Brokerage Services.

When issued A short form of "when as and if issued." The term indicates a conditional transaction in a security authorized for issuance but not as yet actually issued. All "when issued" transactions are on an "if" basis, to be settled if and when the actual security is issued.

II Portfolio holdings

The net market value of the securities in your account, including short positions, is reflected in this statement on a trade date basis at the close of the statement period. The market prices have been obtained from quotation services that we believe to be reliable; however, we can't guarantee their accuracy. Securities for which a price isn't available are marked "—", and are omitted from the total. Prices listed reflect quotations on the statement date. Current prices are listed to help you track your account and aren't suitable for tax purposes. Account balances provided on the statement are displayed in short form using only two decimal places.

Please log on to your account at Vanguard.com to review your account balances. Accrued interest represents interest earned but not yet received. Fund data on Vanguard.com is generally updated mid-month. Depending on when you log on, there may be a difference between the asset mix shown on your statement and the data shown online. There also may be a difference between your fund's actual asset allocation and its target allocation. For more information about your fund's target allocation, go to Vanguard.com.

Estimated values on statements Vanguard Brokerage Services relies on external vendors to provide estimated periodic valuation and market price information for securities listed in your account statement. From time to time, this information isn't available or isn't received in time for posting to your account statement. In this case, the valuation or market price on your statement is marked "—" and the security hasn't been valued for purposes of calculating account totals. For owners of auction rate securities, if an estimated valuation is provided on your account statement for auction rate securities, please note that due to market illiquidity, you may not be able to sell the security at or near the estimated valuation listed on your account statement.

The estimated annual income (EAI) and estimated yield (EY) figures are estimates and are for informational purposes only. EAI represents estimated income to be distributed by a specific position. EAI may be negative on short positions. EY represents the estimated yield of a specific position based on its EAI and current price. EY reflects only the income generated by an investment. It does not reflect changes in the investment's price, which may fluctuate. EAI and EY for certain types of securities includes return of principal or capital gains, in which case the EAI and EY is not limited to realizable income. Actual income and yield may be higher or lower than the estimated amounts. These figures should not be considered a forecast or guarantee of future results. They are computed using information from providers believed to be reliable; however, no assurance can be made as to the accuracy. Since interest and dividend rates are subject to change at any time and may be affected by current and future economic, political, and business conditions, they should not be relied on for making investment, trading, or tax decisions. The money market settlement fund 7-day SEC yield is calculated by annualizing its daily income distributions for the previous 7 days, which is not the same methodology for calculating EY for other positions held in your account(s). Calculation methodologies differ by security type. Certain security types estimate the annual yield based on historical actual income paid while others estimate future yield based on existing conditions. Please contact Vanguard Brokerage Services for current information regarding your investments and the current estimated valuations of your holdings.



Client Services 800-662-2739

Asset mix for some funds recalculated by Vanguard If the Asset mix section of your Statement overview page has a footnote that reads Recalculated values are included the asset allocation breakdown of particular funds within your portfolio among stocks bonds and short term reserves has been calculated using long positions margin credit or debit balances short positions have been excluded Certain funds employ trading strategies such as risk hedging short selling and use of leverage and derivatives that could result in significant short positions that can't be displayed using a standard asset allocation pie chart Exclusion of these short positions may have a significant impact on the Asset mix pie chart For more information about the strategies or holdings of a particular fund see the fund's prospectus

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